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| FACULTY: | Department of Mechanical Engineering |
| FIELD OF STUDY: | Transport |
| ERASMUS COORDINATOR OF THE FACULTY: | Dr hab. inż. Agnieszka Kułakowska, Prof. PK |
| E-MAIL ADDRESS OF THE COORDINATOR: | agnieszka.kulakowska@tu.koszalin.pl |
| COURSE TITLE: | Operational Researches |
| LECTURER'S NAME: | Dr hab. inż. Agnieszka Kułakowska, Prof. PK |
| E-MAIL ADDRESS OF THE LECTURER: | agnieszka.kulakowska@tu.koszalin.pl |
| COURSE CODE (USOS): | 10 |
| ECTS POINTS FOR THE COURSE: | 4 ECTS |
| ACADEMIC YEAR: | 2024/2025 |
| SEMESTER: (W – winter, S – summer) | W |
| HOURS IN SEMESTER: | 15+15 |
| LEVEL OF THE COURSE: (1 st cycle, 2 nd cycle, 3 rd cycle) | 1 st cycle |
| TEACHING METHOD: (lecture, laboratory, group tutorials, seminar, other-what type?) | Lecture, practice |
| LANGUAGE OF INSTRUCTION: | <ul style="list-style-type: none"> English full time scheme for classes with 5 and more international Erasmus+ students enrolled/accepted; English 50% individually with the teacher + Polish 50% with Polish students or individual project work-scheme for classes with less than 5 international Erasmus+ students enrolled/ accepted; |
| ASSESSMENT METOD: (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?) | Written exam |
| COURSE CONTENT: | Geometric method, simplex method, transport problem, upper-left corner method, smallest element method, VAM method, e-perturbation method, potential method, optimisation of processes, mathematical model, research object, results analysis, real problems in scientific environments |
| ADDITIONAL INFORMATION: | |

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